

**GOVERNMENT OF INDIA  
HEAVY INDUSTRIES AND PUBLIC ENTERPRISES  
LOK SABHA**

UNSTARRED QUESTION NO:3298  
ANSWERED ON:13.12.2012  
GENERATION OF GREEN ENERGY BY PSUS  
Khairi Shri Chandrakant Bhaurao

**Will the Minister of HEAVY INDUSTRIES AND PUBLIC ENTERPRISES be pleased to state:**

(A) whether various Public Sector Undertakings (PSUs) have shown interest in generation of green energy such as solar, wind, etc.; and

(b) if so, the details thereof?

**Answer**

THE MINISTER OF HEAVY INDUSTRY AND PUBLIC ENTERPRISES (SHRI PRAFUL PATEL)

(a) Memorandum of Understanding (MoU) Guidelines for the year 2012-13 issued by Department of Public Enterprises (DPE) for all Central Public Sector Undertakings (PSUs) prescribe details for the R & D parameter. MoU is a tool for performance measurement of CPSEs. Guideline for Research & Development (R&D) issued by DPE lists out suggested activities which can be taken as a parameter. Under Power Generation & Transmission syndicate, 'Alternate and New & Renewable Energy Sources' is one of the listed out activity to be considered as a parameter in MoU. If central PSUs are interested in generation of green energy, they can keep suitable parameters under MoU for performance measurement.

(b) According to inputs received from the Ministry of New and Renewable Energy, Indian Wind Turbine Manufacturers Association (VVTMA) has reported that the Public Sector Units (PSUs) have so far established around 1135 MW wind power projects in the country. Further, as per information available with the Ministry of New and Renewable Energy, PSUs have also established solar power projects of 27 MW in the country. This apart, BHEL have a facility at Bangalore to manufacture Solar Photovoltaic cells and modules up to 26 MWp.

The activities taken up by holding companies under Energy, Power Generation & Transmission Syndicate on the topic 'Alternate and New & Renewable Energy sources' (Generation of Green Energy by PSUs) are as follows.

SI.No Name of the CPSUs Parameter in the MoU for the year 2012-13

01. NHPC Ltd Development of Wind Power Projects in Bida-J&K.

02 NTPC Ltd Completion of Supply, Erection, Commissioning of 40 tons of refrigeration (TR) SolarThermal HVAC Plant at NETRA.

03 THDC Ltd. Community Solar Power Projects of 10KW capacity in remote villages.